

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: June 5, 2003, 14:00:01 ; Search time 8.72727 Seconds

(without alignments)
445.022 Million cell updates/sec

Title: US-09-840-795-15

Perfect score: 709

Sequence: 1 MDCQENYWDQMGRCVTCOR.....RPRTSGXGXVXFOLELNGRX 132

Scoring table: BLOSUM62

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/1/1aa/5A.COMB.pep:*
2: /cgn2_6/ptodata/1/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/1/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/1/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/1/1aa/PCITUS.COMB.pep:*
6: /cgn2_6/ptodata/1/1aa/Backfillseq1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	198.5	28.0	210	4	US-09-286-529-3
2	188	26.5	151	4	US-09-286-529-4
3	117	16.5	448	4	US-09-342-681C-17
4	117	16.5	448	4	US-09-342-681C-19
5	96	13.5	155	4	US-09-146-950-4
6	96	13.5	159	4	US-09-146-950-20
7	96	13.5	193	4	US-09-146-950-2
8	96	13.5	197	4	US-09-146-950-18
9	96	13.5	283	4	US-08-509-024-2
10	96	13.5	283	4	US-09-333-279-2
11	96	13.5	283	4	US-09-072-993C-2
12	96	13.5	283	5	PCT-US96-12374-2
13	96	13.5	419	4	US-08-509-024-7
14	96	13.5	419	4	US-09-333-279-7
15	95.5	13.5	121	4	US-08-828-683A-18
16	95.5	13.5	260	4	US-09-006-353A-8
17	95.5	13.5	260	4	US-09-573-986-8
18	89	12.6	970	2	US-08-673-789-7
19	89	12.6	973	1	US-08-162-809-10
20	89	12.6	988	1	US-08-162-809-14
21	88	12.4	169	3	US-08-630-172-11
22	88	12.4	169	4	US-09-375-419-11
23	87	12.3	176	1	US-08-414-926A-18
24	87	12.3	176	2	US-08-926-922-18
25	87	12.3	176	3	US-09-253-682-18
26	87	12.3	176	4	US-09-527-657-18
27	86.5	12.2	186	1	US-08-089-458B-6

28	83.5	11.8	244	4	US-08-918-148-79	Sequence 79, Appl
29	83	11.7	625	3	US-08-996-139-15	Sequence 15, Appl
30	83	11.7	625	4	US-08-995-659-15	Sequence 15, Appl
31	83	11.7	625	4	US-09-215-649A-15	Sequence 15, Appl
32	83	11.7	625	4	US-09-577-780-15	Sequence 15, Appl
33	79	11.1	1652	4	US-09-627-650B-1	Sequence 1, Appl1
34	79	11.1	1652	4	US-09-436-063C-1	Sequence 1, Appl1
35	79	11.1	1917	4	US-09-627-650B-5	Sequence 5, Appl1
36	79	11.1	1917	4	US-09-436-063C-5	Sequence 5, Appl1
37	79	11.1	2508	4	US-09-627-650B-7	Sequence 7, Appl1
38	79	11.1	2508	4	US-09-436-063C-7	Sequence 7, Appl1
39	79	11.1	2544	4	US-09-627-650B-3	Sequence 3, Appl1
40	79	11.1	2544	4	US-09-436-063C-3	Sequence 3, Appl1
41	79	11.1	2601	4	US-09-627-650B-9	Sequence 9, Appl1
42	79	11.1	2601	4	US-09-436-063C-9	Sequence 9, Appl1
43	78.5	11.1	174	4	US-08-706-945D-136	Sequence 136, App
44	78.5	11.1	401	3	US-08-974-022-2	Sequence 2, Appl1
45	78.5	11.1	401	4	US-08-795-445A-2	Sequence 2, Appl1

ALIGNMENTS

```

RESULT 1
US-09-286-529-3
; Sequence 3, Application US/09286529
; Patent No. 6297367
; GENERAL INFORMATION:
; APPLICANT: Catherine Tribouley
; TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES
; FILE REFERENCE: 1408.003/200130.439C1
; CURRENT APPLICATION NUMBER: US/09/286,529
; CURRENT FILING DATE: 1999-04-05
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 210
; TYPE: PRT
; ORGANISM: human
US-09-286-529-3

Query Match      28.0%; Score 198.5; DB 4; Length 210;
Best local Similarity 40.4%; Pred. No. 2.4e-15;
Matches 40; Conservative 14; Mismatches 36; Indels 9; Gaps 2;

QY      2 DQENYWDQMGRCVTCORCGPQELSKCGGEGSDAYCTACPPRSTAAAGATTNRYA 61
      11::: : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB      33 DROGEFKDRSGNCVLCQCGPMELSKCGEGYGEDACVCPRPFRFEDMGFOCKPC 92
QY      62 SPVLSIVFRRCNCTTSXAVCG---GXFAQVSNKTR 96
      : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : : :
DB      93 ADCALVNRFORANCSTHTSDAVCGDCLPGFY----RRTK 126

RESULT 2
US-09-286-529-4
; Sequence 4, Application US/09286529
; Patent No. 6297367
; GENERAL INFORMATION:
; APPLICANT: Catherine Tribouley
; TITLE OF INVENTION: NEW MEMBERS OF TNF AND TNFR FAMILIES
; FILE REFERENCE: 1408.003/200130.439C1
; CURRENT APPLICATION NUMBER: US/09/286,529
; CURRENT FILING DATE: 1999-04-05
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 151
; TYPE: PRT
; ORGANISM: human
US-09-286-529-4

Query Match      26.5%; Score 188; DB 4; Length 151;

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FILE REFERENCE: 09404/057001
CURRENT APPLICATION NUMBER: US/09/146,950A
CURRENT FILING DATE: 1998-09-03
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2
LENGTH: 193
TYPE: PR1
ORGANISM: Homo sapiens
US-09-146-950-2

Query Match
Best Local Similarity 13.5%; Score 96; DB 4; Length 193;
Matches 28; Conservative 11; Mismatches 44; Indels 14; Gaps 6;

OY 3 COENEMYDQMGRCVTCORCGPQELSKDCYGGGDAYCTACPPRS----TTAAGATTNV 58
DB 42 CKEDEX-PVGSBC--CPKSPGYRVEKACGELTG--TVCEPCPPGTYYIAHLNGLSKCLQC 96
OY 59 RVASPVLSIVFRFRNCYTSXAVCG---GXFAQVSN 92
DB 97 QMCDDPAMGLRASR--NCSRTENAVCGCSPGHFCIYOD 131

RESULT 8
US-09-146-950-18
Sequence 18, Application US/09146950A
Patent No. 6287808
GENERAL INFORMATION:
APPLICANT: Busfield, Samantha J.
TITLE OF INVENTION: NOVEL MOLECULES OF THE HERPESVIRUS-ENTRY-MEDIATOR-RELATED
FILE REFERENCE: 09404/057001
CURRENT APPLICATION NUMBER: US/09/146,950A
CURRENT FILING DATE: 1998-09-03
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 18
LENGTH: 197
TYPE: PR1
ORGANISM: Homo sapiens
US-09-146-950-18

Query Match
Best Local Similarity 13.5%; Score 96; DB 4; Length 197;
Matches 28; Conservative 11; Mismatches 44; Indels 14; Gaps 6;

OY 3 COENEMYDQMGRCVTCORCGPQELSKDCYGGGDAYCTACPPRS----TTAAGATTNV 58
DB 42 CKEDEX-PVGSBC--CPKSPGYRVEKACGELTG--TVCEPCPPGTYYIAHLNGLSKCLQC 96
OY 59 RVASPVLSIVFRFRNCYTSXAVCG---GXFAQVSN 92
DB 97 QMCDDPAMGLRASR--NCSRTENAVCGCSPGHFCIYOD 131

RESULT 9
US-08-509-024-2
Sequence 2, Application US/08509024B
Patent No. 6291207
GENERAL INFORMATION:
APPLICANT: SPEAR, Patricia G.
APPLICANT: MONTGOMERY, Rebecca I.
TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
FILE REFERENCE: 0290-1
CURRENT APPLICATION NUMBER: US/08/509,024B
CURRENT FILING DATE: 1995-07-25
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 283
TYPE: PR1
ORGANISM: Homo sapiens
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US-08-509-024-2

Query Match
Best Local Similarity 13.5%; Score 96; DB 4; Length 283;
Matches 28; Conservative 11; Mismatches 44; Indels 14; Gaps 6;

OY 3 COENEMYDQMGRCVTCORCGPQELSKDCYGGGDAYCTACPPRS----TTAAGATTNV 58
DB 42 CKEDEX-PVGSBC--CPKSPGYRVEKACGELTG--TVCEPCPPGTYYIAHLNGLSKCLQC 96
OY 59 RVASPVLSIVFRFRNCYTSXAVCG---GXFAQVSN 92
DB 97 QMCDDPAMGLRASR--NCSRTENAVCGCSPGHFCIYOD 131

RESULT 10
US-09-333-279-2
Sequence 2, Application US/09333279
Patent No. 6303336
GENERAL INFORMATION:
APPLICANT: SPEAR, Patricia G.
APPLICANT: MONTGOMERY, Rebecca I.
TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
FILE REFERENCE: 0290-1
CURRENT APPLICATION NUMBER: US/09/333,279
CURRENT FILING DATE: 1999-06-15
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2
LENGTH: 283
TYPE: PR1
ORGANISM: Homo sapiens
US-09-333-279-2

Query Match
Best Local Similarity 13.5%; Score 96; DB 4; Length 283;
Matches 28; Conservative 11; Mismatches 44; Indels 14; Gaps 6;

OY 3 COENEMYDQMGRCVTCORCGPQELSKDCYGGGDAYCTACPPRS----TTAAGATTNV 58
DB 42 CKEDEX-PVGSBC--CPKSPGYRVEKACGELTG--TVCEPCPPGTYYIAHLNGLSKCLQC 96
OY 59 RVASPVLSIVFRFRNCYTSXAVCG---GXFAQVSN 92
DB 97 QMCDDPAMGLRASR--NCSRTENAVCGCSPGHFCIYOD 131

RESULT 11
US-09-072-993C-2
Sequence 2, Application US/09072993C
Patent No. 6346388
GENERAL INFORMATION:
APPLICANT: Michael R. Brigham-Burke
APPLICANT: Peter R. Young
TITLE OF INVENTION: A METHOD OF IDENTIFYING AGONIST AND
TITLE OF INVENTION: ANTAGONISTS FOR TUMOR NECROSIS RELATED RECEPTORS TR1 AND TR2
FILE REFERENCE: GH-50030
CURRENT APPLICATION NUMBER: US/09/072,993C
CURRENT FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/055,513
PRIOR FILING DATE: 1997-08-13
PRIOR APPLICATION NUMBER: 60/056,980
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/057,550
PRIOR FILING DATE: 1997-08-29
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 2
LENGTH: 283
TYPE: PR1
ORGANISM: HOMO SAPIENS
US-09-072-993C-2
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      FILE REFERENCE: 0290-1
      CURRENT APPLICATION NUMBER: US/08/509,024B
      CURRENT FILING DATE: 1995-07-25
      NUMBER OF SEQ ID NOS: 7
      SOFTWARE: PatentIn Ver. 2.0
      SEQ ID NO 7
      LENGTH: 419
      TYPE: PRT
      ORGANISM: Homo sapiens
US-08-509-024-7

Query Match          13.5%; Score 96; DB 4; Length 419;
Best Local Similarity 28.9%; Pred No. 0.0039;
Matches    28; Conservative 11; Mismatches 44; Indels 14; Gaps 6

OY        3 COENEYWQWGRCVTCORCGPQGLSKDCGYGGEGDAVCTACPPRS---TKAAGATTNV 58
           ||::|| | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB         42 CKEDEY-PVGSEC--CPKCSPGRYRKAECAGELTG--TVCEPCPETIYAHLNGLSKLCQC 96
           ::|::| | | | | | | | | | | | | | | | | | | | | | | | | | |

OY        59 RVASPVLSIVFRFNCXTXSAVCG---GXFAQYSN 92
           ::|::| | | | | | | | | | | | | | | | | | | | | | | | | | |
DB         97 QMCDPAMGLRASR--NCSRTENAVCGSGPHFCITVD 131
           ::|::| | | | | | | | | | | | | | | | | | | | | | | | | | |

RESULT 14
US-09-333-279-7
Sequence 7, Application US/09333279
Patent No. 630336
GENERAL INFORMATION:
APPLICANT: SPEAR, Patricia G.
TITLE OF INVENTION: HERPES VIRUS ENTRY RECEPTOR PROTEIN
FILE REFERENCE: 0290-1
CURRENT APPLICATION NUMBER: US/09/333,279
CURRENT FILING DATE: 1999-06-15
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 7
LENGTH: 419
TYPE: PRT
ORGANISM: Homo sapiens
US-09-333-279-7

Query Match          13.5%; Score 96; DB 4; Length 419;
Best Local Similarity 28.9%; Pred. No. 0.0039;
Matches    28; Conservative 11; Mismatches 44; Indels 14; Gaps 6;

OY        3 COENEYWDQWRCTCQRCGPQGLSKDCCGEGBGDVAICTACPERS----TKAAGATTNV 58
           ||::|| | | | | | | | | | | | | | | | | | | | | | | | | | | |
DB         42 CKEDEY-PVGSEC--CPKCSPTGVRAKCAEGLTGT-TVCEPCPEPTYIAHNLGLSKLCQC 96
           ::|::| | | | | | | | | | | | | | | | | | | | | | | | | | |

OY        59 RVASPVLSIVFRFNCXTXSAVCG---GXFAQYSN 92
           ::|::| | | | | | | | | | | | | | | | | | | | | | | | | | |
DB         97 QMCDPAMGLRASR--NCSRTENAVCGSGPHFCITVD 131
           ::|::| | | | | | | | | | | | | | | | | | | | | | | | | | |

RESULT 15
US-08-828-683A-18
Sequence 18, Application US/08828683A
Patent No. 6469144
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
TITLE OF INVENTION: Apo-2 LI AND Apo-3 POLYPEPTIDES
NUMBER OF SEQUENCES: 28
CORRESPONDENCE ADDRESS:
ADDRESSSEE: Genentech, Inc.
STREET: 1 DNA Way
CITY: South San Francisco
STATE: California
COUNTRY: USA
ZIP: 94080

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 MB floppy disk
```

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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WinPatIn (Gementech)
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/828,683A
  FILING DATE: 31-Mar-1997
  CLASSIFICATION: <unknown>
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: 08/625328
  FILING DATE: 1-Apr-1996
  APPLICATION NUMBER: 08/710802
  FILING DATE: 23-Sep-1996
ATTORNEY/AGENT INFORMATION:
  NAME: Marschang, Diane L.
  REGISTRATION NUMBER: 35,600
  REFERENCE/DOCKET NUMBER: PI007PI
TELECOMMUNICATION INFORMATION:
  TELEPHONE: 650/225-5416
  TELEFAX: 650/952-9881
INFORMATION FOR SEQ ID NO: 18:
  SEQUENCE CHARACTERISTICS:
    LENGTH: 121 amino acids
    TYPE: Amino Acid
    TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 18:
OS-08-828-683A-18

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Query Match	13.5%	Score 95.5	DB 4	Length 121
Best Local Similarity	34.9%	Pred. No. 0.001		
Matches 29; Conservative	5;	Mismatches 42;	Indels 7;	Gaps 4;

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QY      3  CONENEYDQMGRCVTCORCGPQGLSKNDGSGGAGATACPRSTKAAGATTNVKVS  62
Db      2  CPERHWAGQKLC--CGMCEPGETFLVKDDQDHNKA--AQCDPLCPGVSPSPDHTNRHCS  58

QY      63  --EVLSSIVRRFRNCTYTSKAVC  83
Db      59  CRHCNSGLIVR--NCTITANAEC  79

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Search completed: June 5, 2003, 14:00:34
Job time : 9.72727 secs

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